

FIG. 1

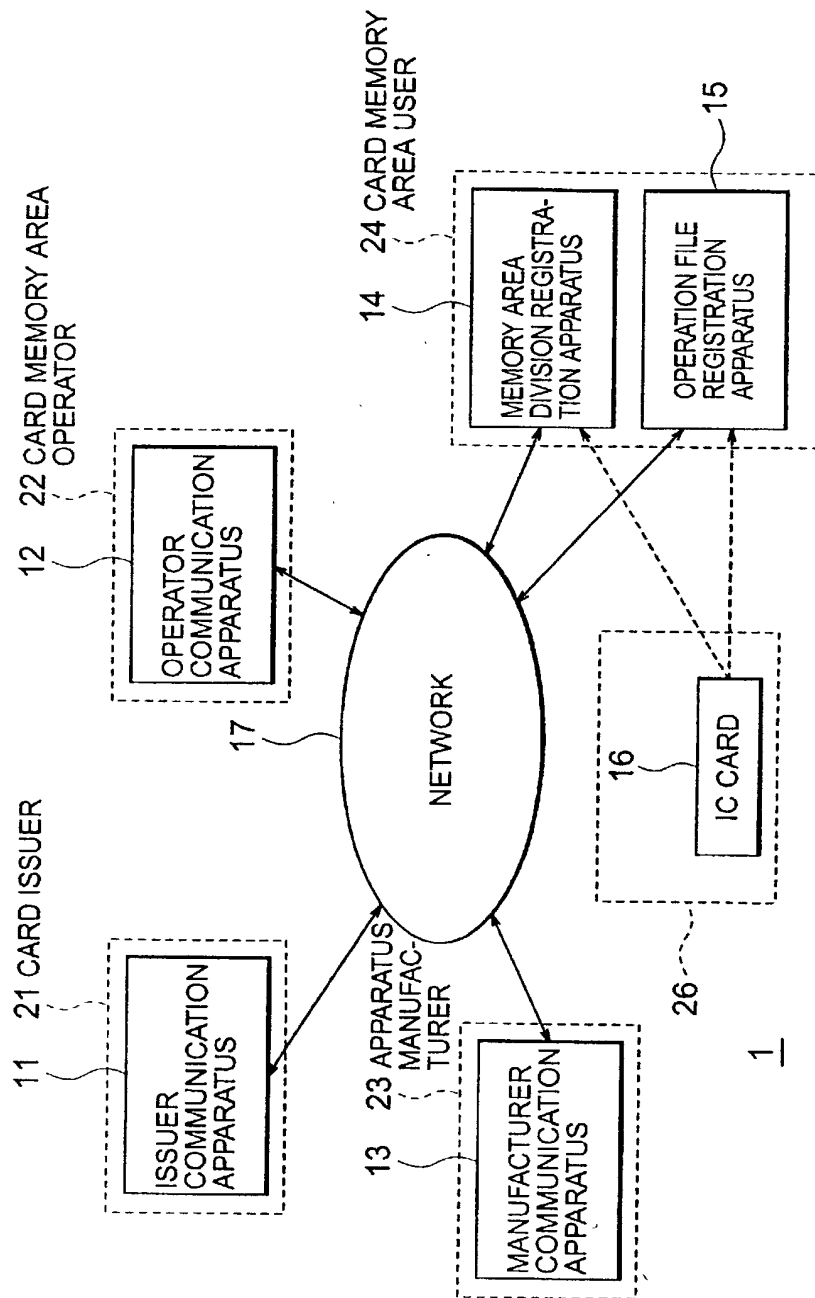


FIG. 2

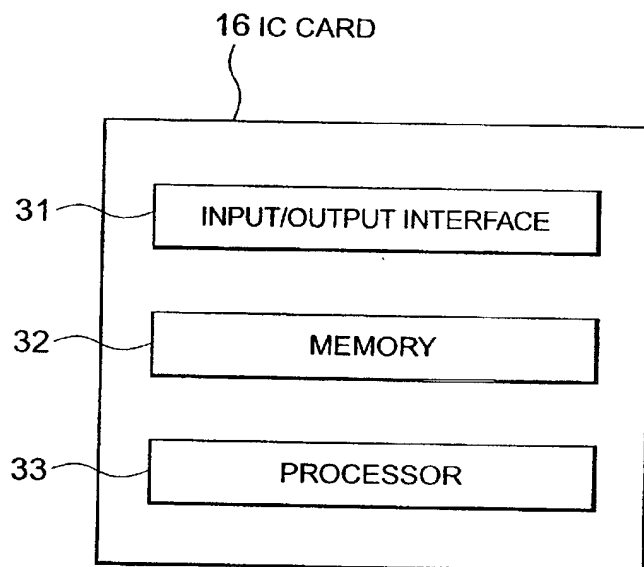


FIG. 3

32 MEMORY OF IC CARD 6

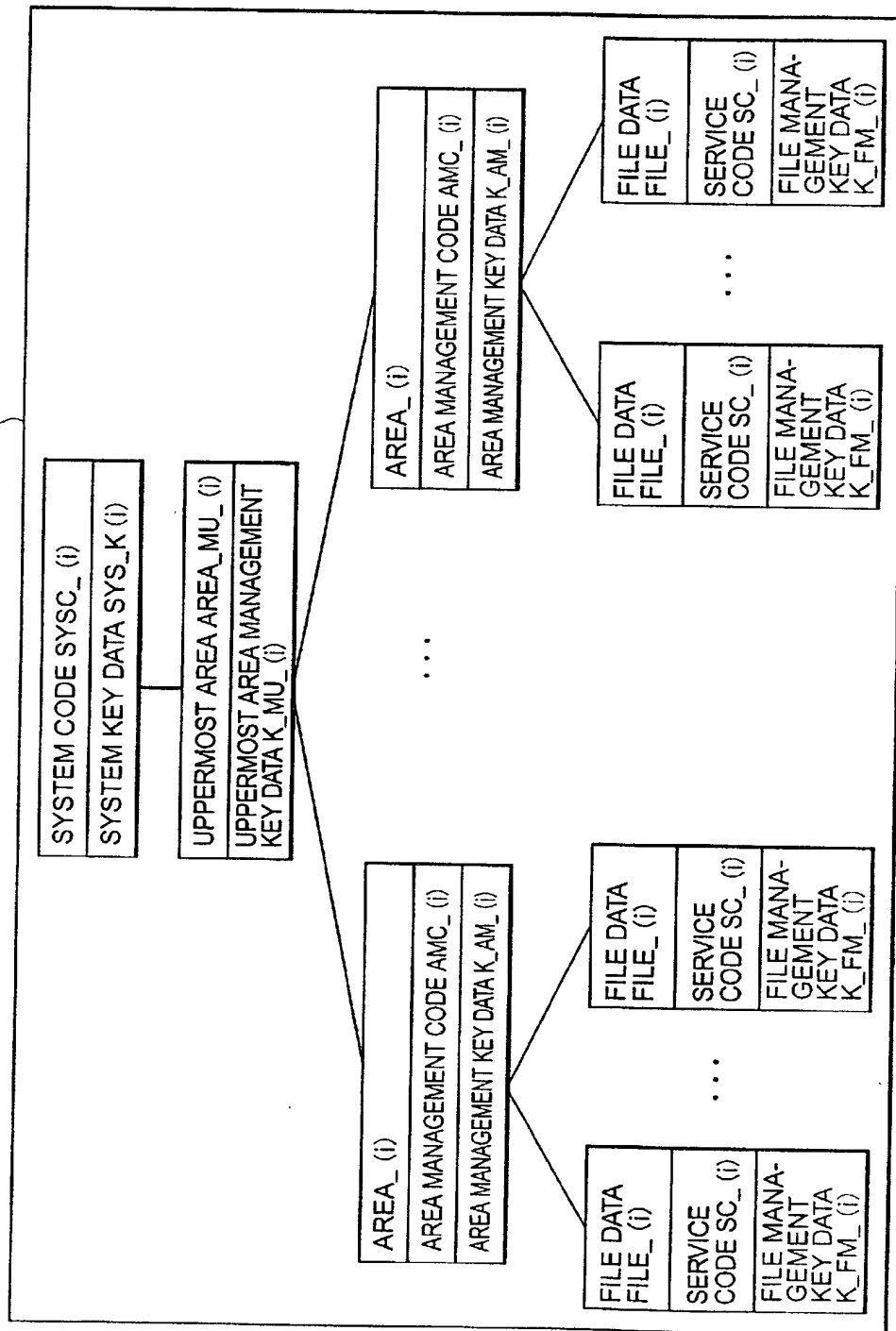


FIG. 4

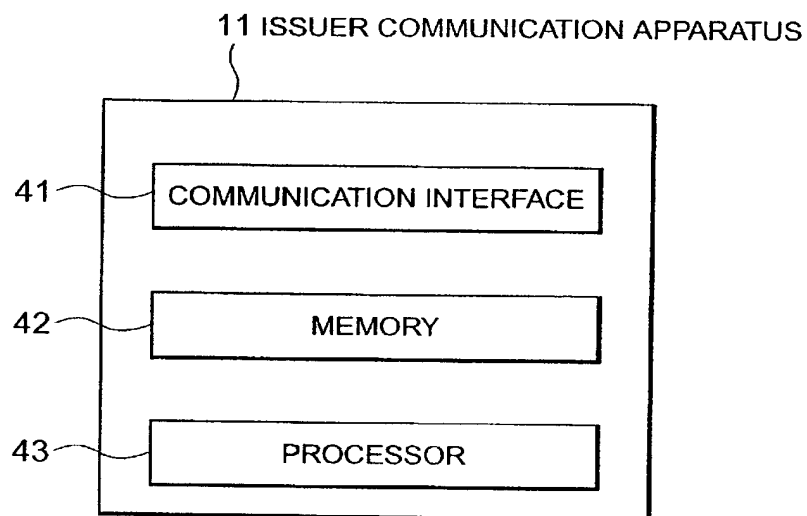


FIG. 5

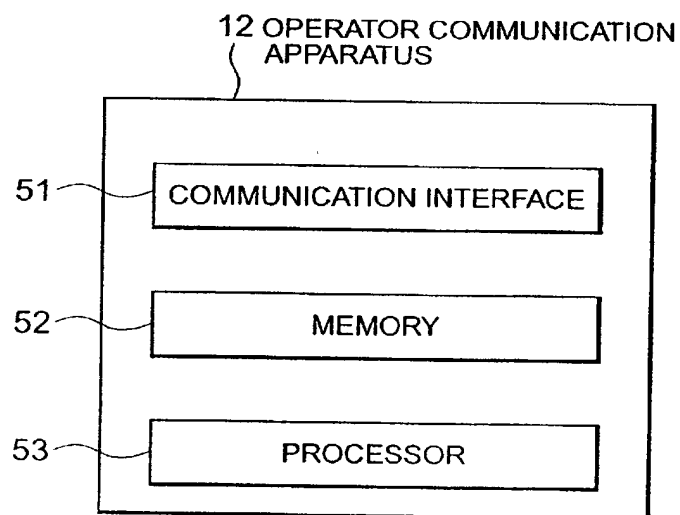


FIG. 6

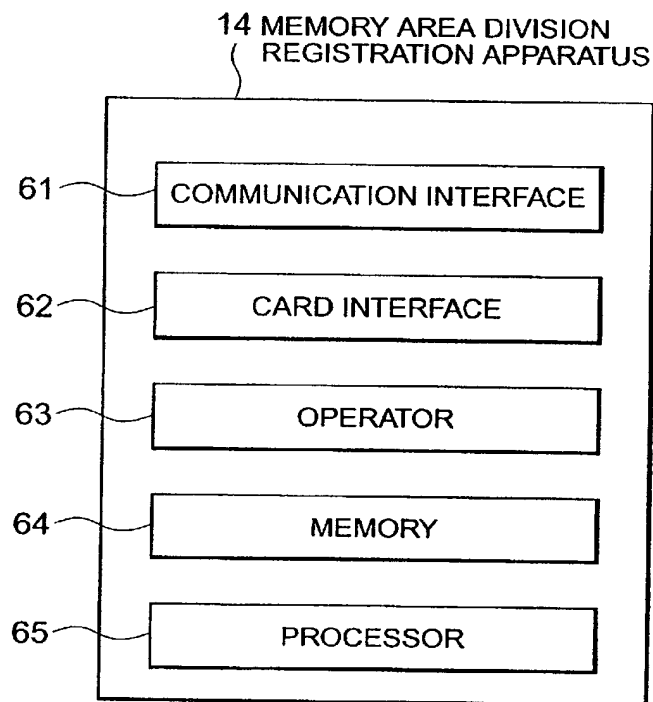


FIG. 7

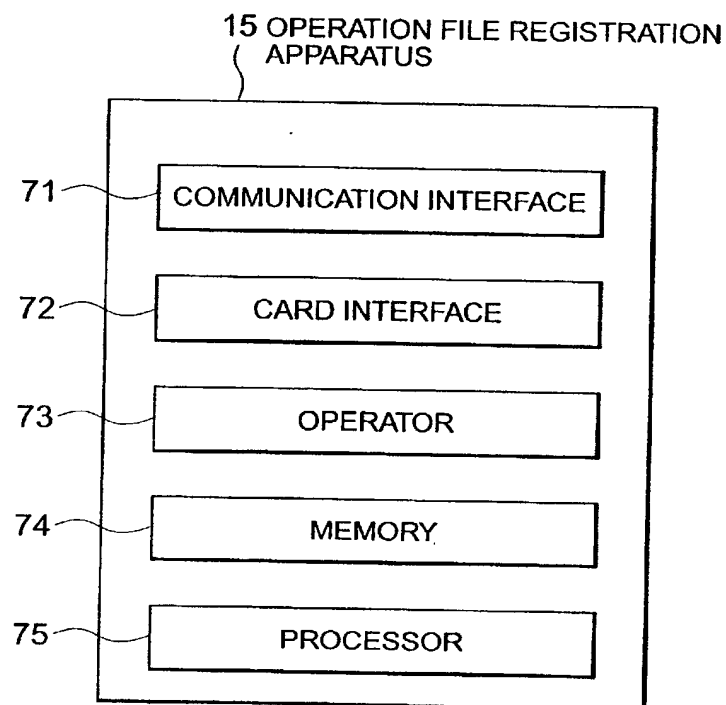


FIG. 8

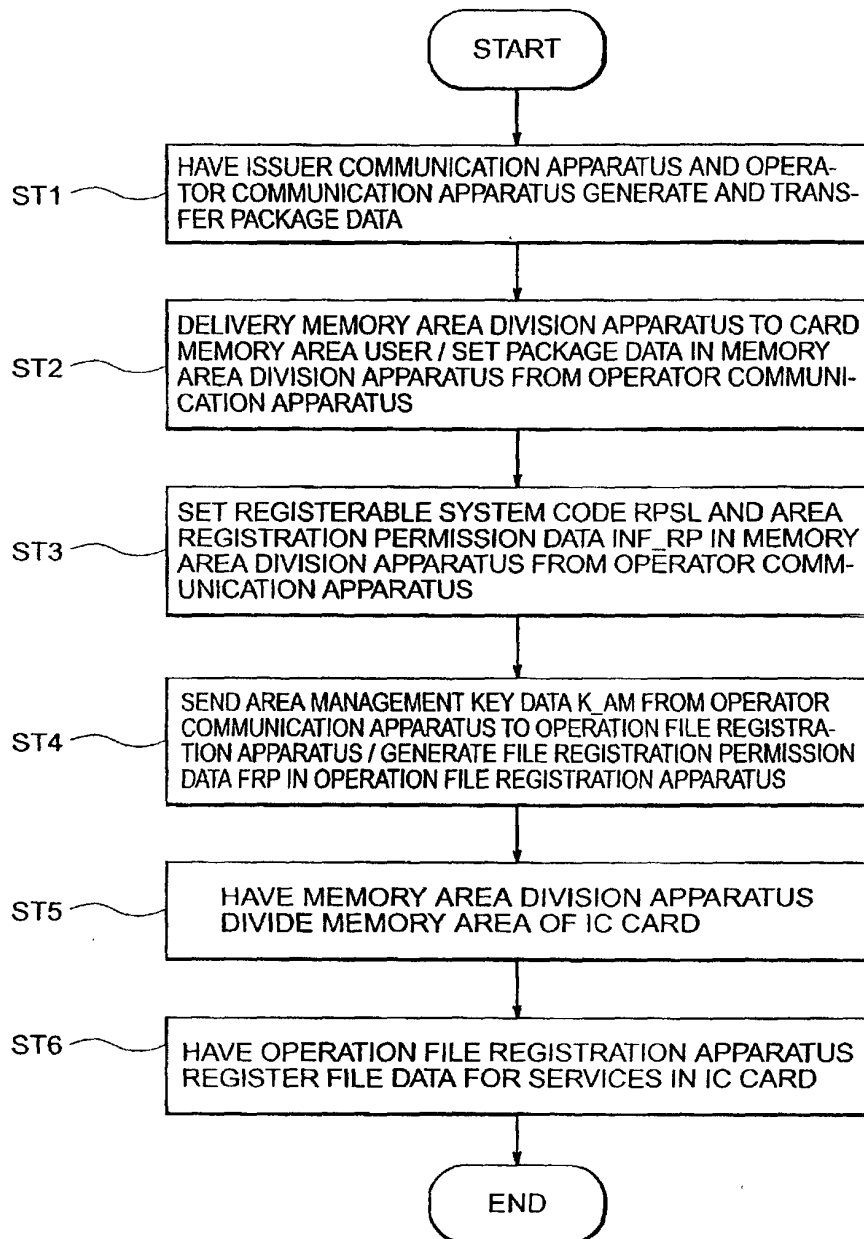


FIG. 9

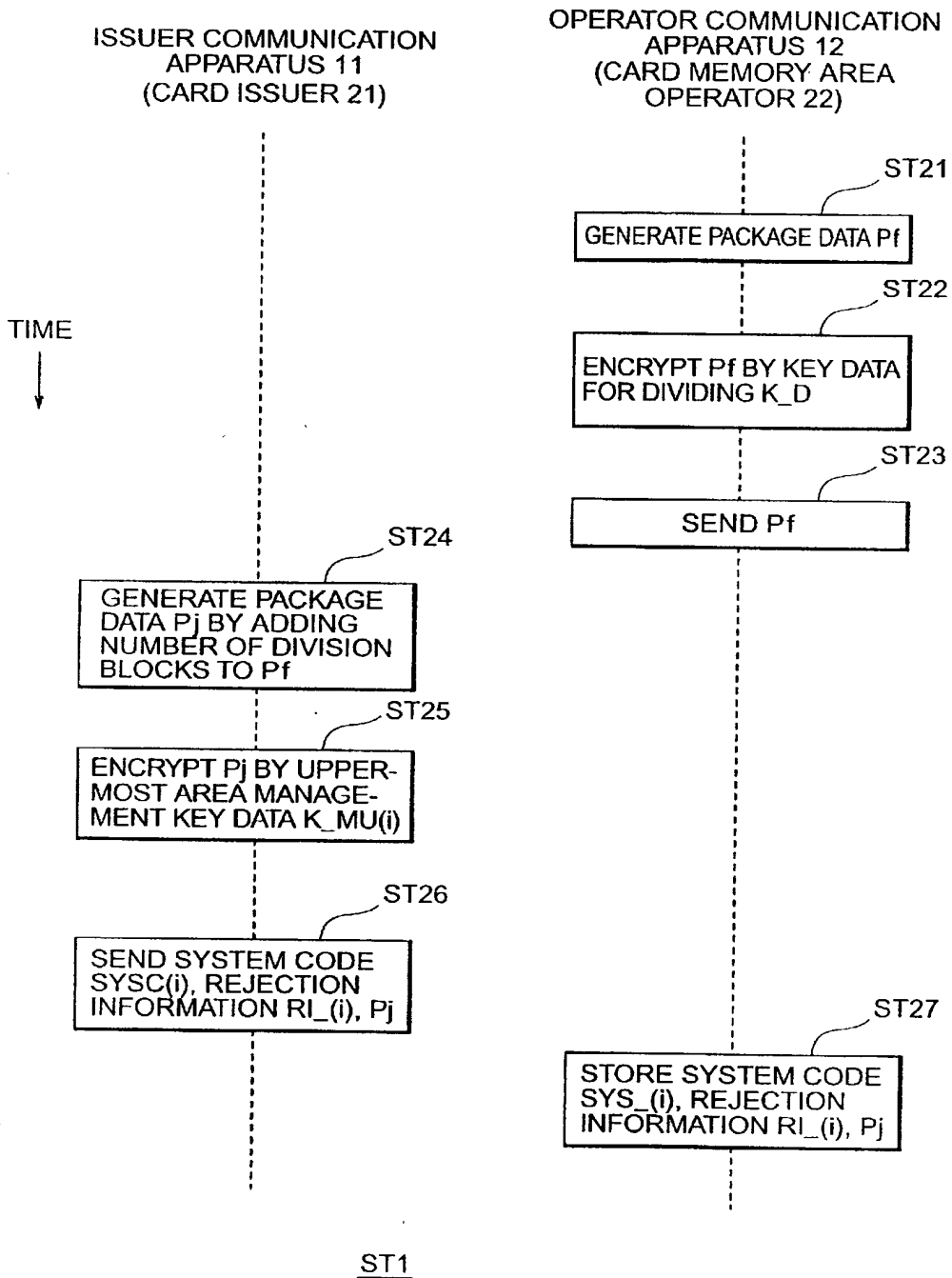
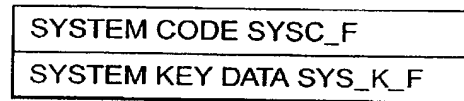
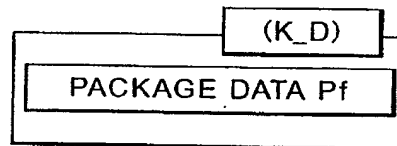


FIG. 10A



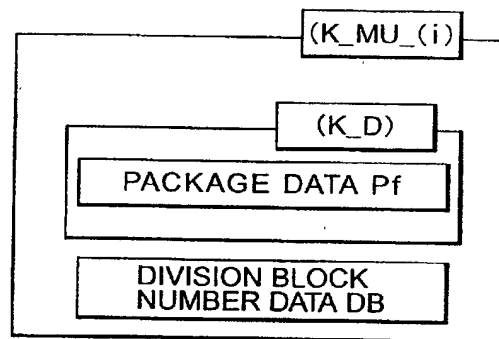
PACKAGE DATA P_f

FIG. 10B



K_D : KEY DATA FOR DIVIDING

FIG. 10C



K_MU_(i)) : UPPERMOST AREA
MANAGEMENT KEY DATA

PACKAGE DATA P_j

FIG. 11

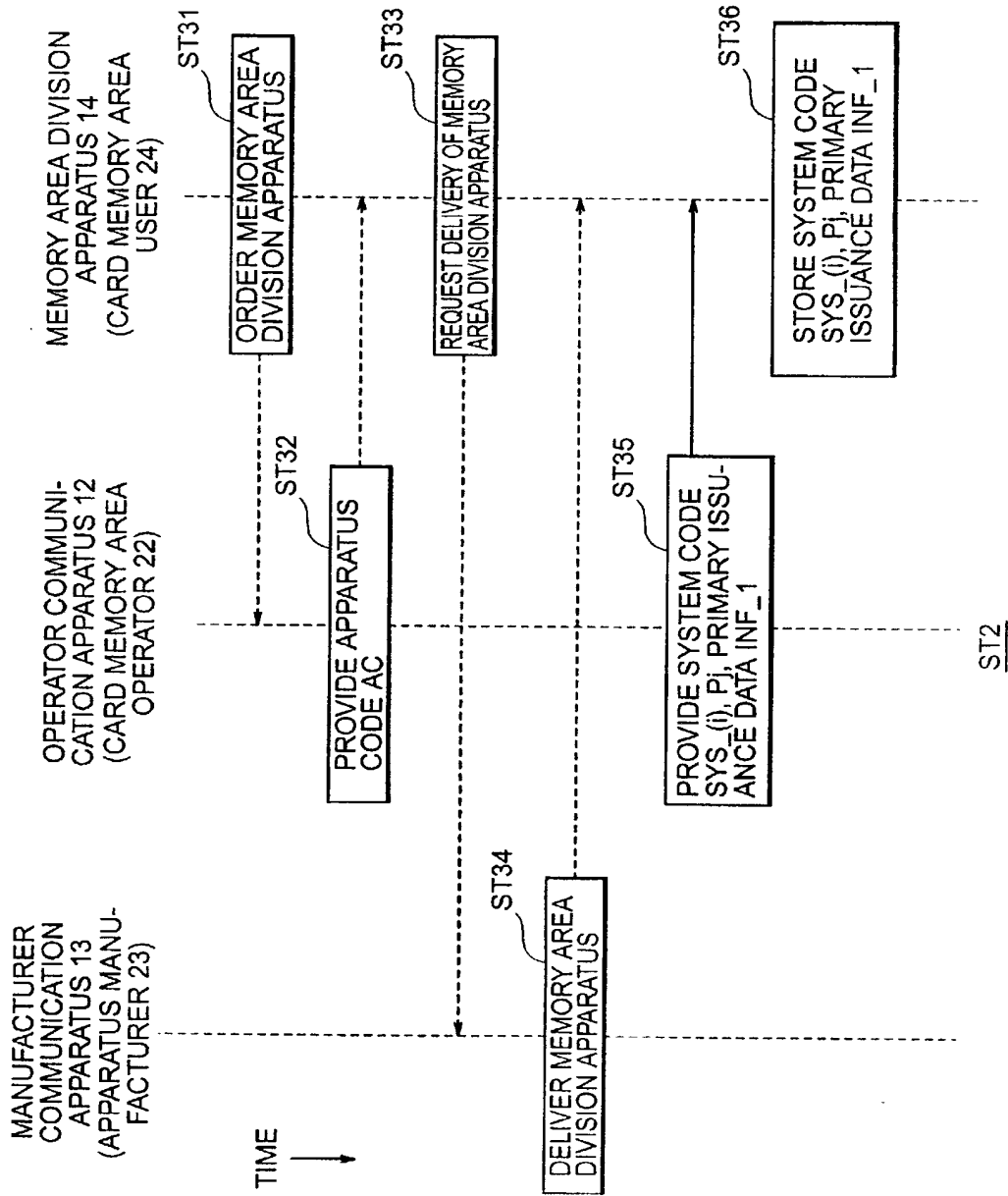
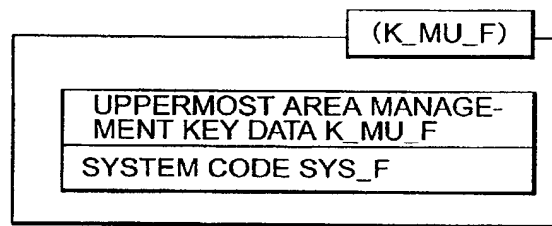
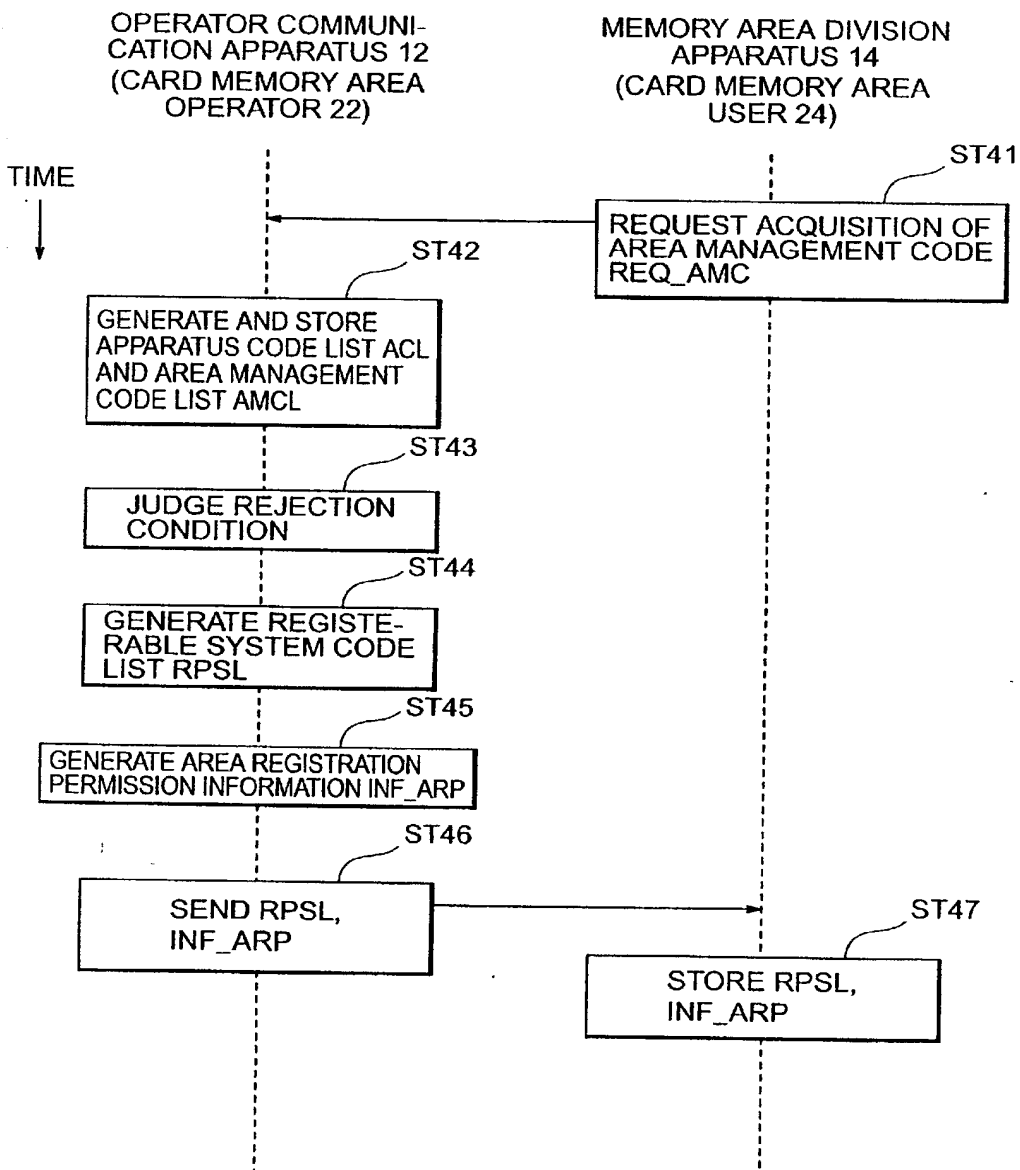


FIG. 12



PRIMARY ISSUANCE DATA INF_1

FIG. 13



ST3

FIG. 14A

REGISTRATION APPARATUS CODE AC
REJECTION INFORMATION RI_F
NUMBER OF REGISTRATION AREAS
NUMBER OF BLOCKS OF EACH REGISTRATION AREA
NUMBER OF SERVICE CODES

AREA CODE ACQUISITION
REQUEST REQ_AMC

FIG. 14B

APPARATUS CODE AC
AREA MANAGEMENT CODE AMC_F
AREA MANAGEMENT CODE AMC_F
...
AREA MANAGEMENT CODE AMC_F
REJECTION INFORMATION RI_F

APPARATUS CODE LIST ACL

FIG. 14C

AREA MANAGEMENT CODE AMC_F
AREA MANAGEMENT KEY DATA K_AM_F
NUMBER OF AREA BLOCKS
SERVICE CODE SC
...
SERVICE CODE SC

AREA MANAGEMENT
CODE LIST AMCL

FIG. 15A

APPARATUS CODE AC
SYSTEM CODE SC
SYSTEM CODE SC
. . . .
SYSTEM CODE SC

REGISTERABLE SYSTEM CODE LIST RPSL

FIG. 15B

(K_MU_F)
AREA MANAGEMENT CODE AMC_F
AREA MANAGEMENT KEY DATA K_AM_F
NUMBER OF AREA BLOCKS
SERVICE CODE SC
SERVICE CODE SC
. . .
SERVICE CODE SC

AREA REGISTRATION
PERMISSION DATA INF_RP

FIG. 16

MEMORY OF MEMORY AREA DIVISION
APPARATUS (WHEN ST3 ENDS)

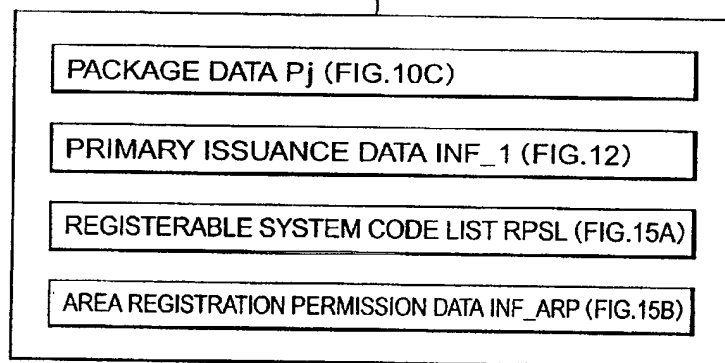


FIG. 17

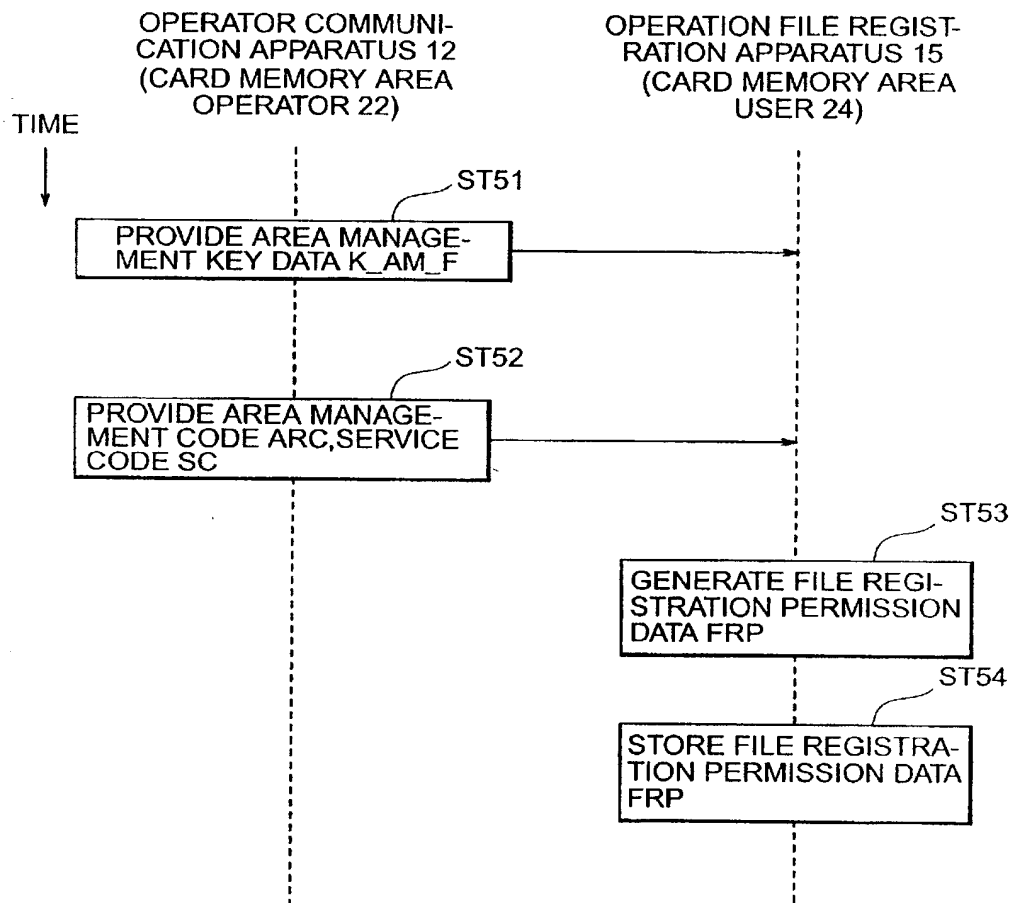


FIG. 18

MEMORY OF OPERATION FILE REGISTRATION
APPARATUS (WHEN ST4 ENDS)

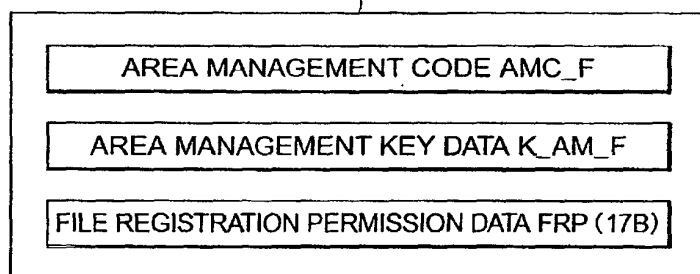


FIG. 19A

SERVICE CODE SC
FILE MANAGEMENT KEY DATA K_FM_F
...
...
SERVICE CODE SC
FILE MANAGEMENT KEY DATA K_FM_F

FILE REGISTRATION PERMISSION
DATA FRP

FIG. 19B

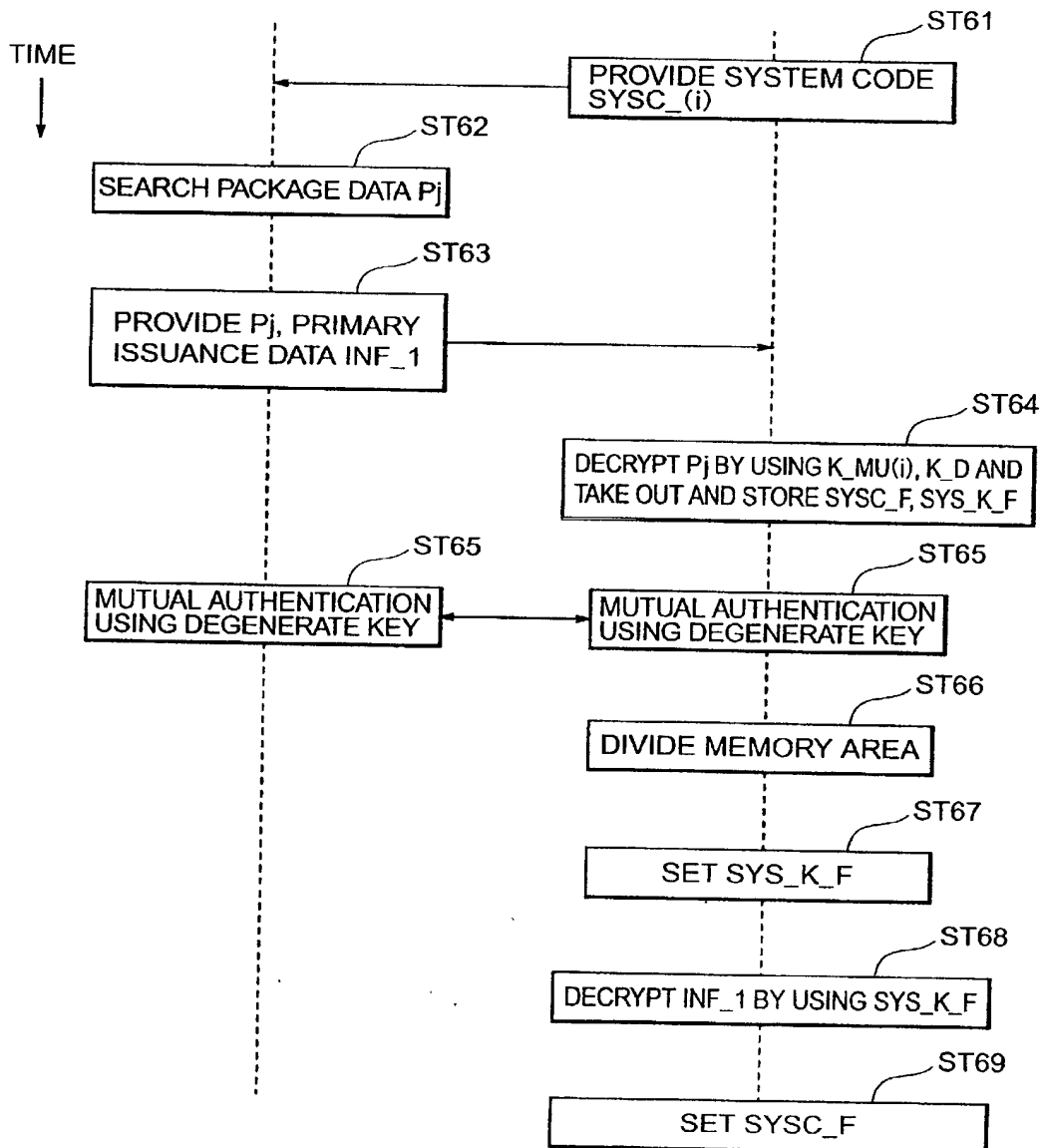
K_AM_F
SERVICE CODE SC
FILE MANAGEMENT KEY DATA K_FM_F
...
...
SERVICE CODE SC
FILE MANAGEMENT KEY DATA K_FM_F

FILE REGISTRATION PERMISSION
DATA FRP

FIG. 20

MEMORY AREA DIVISION
APPARATUS 14
(CARD MEMORY AREA
OPERATOR 24)

IC CARD 6

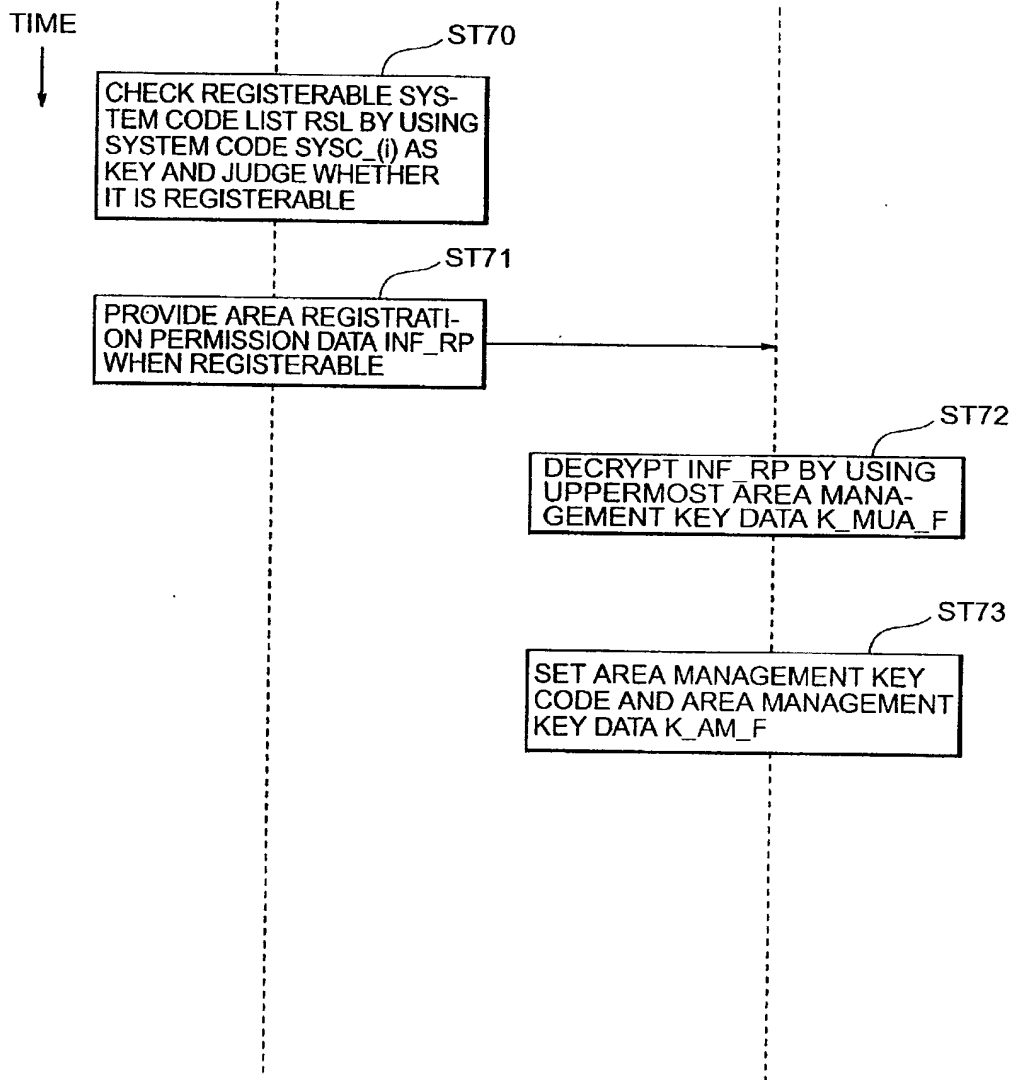


ST5

FIG. 21

MEMORY AREA DIVISION
APPARATUS 14
(CARD MEMORY AREA
OPERATOR 24)

IC CARD 6



ST5

FIG. 22

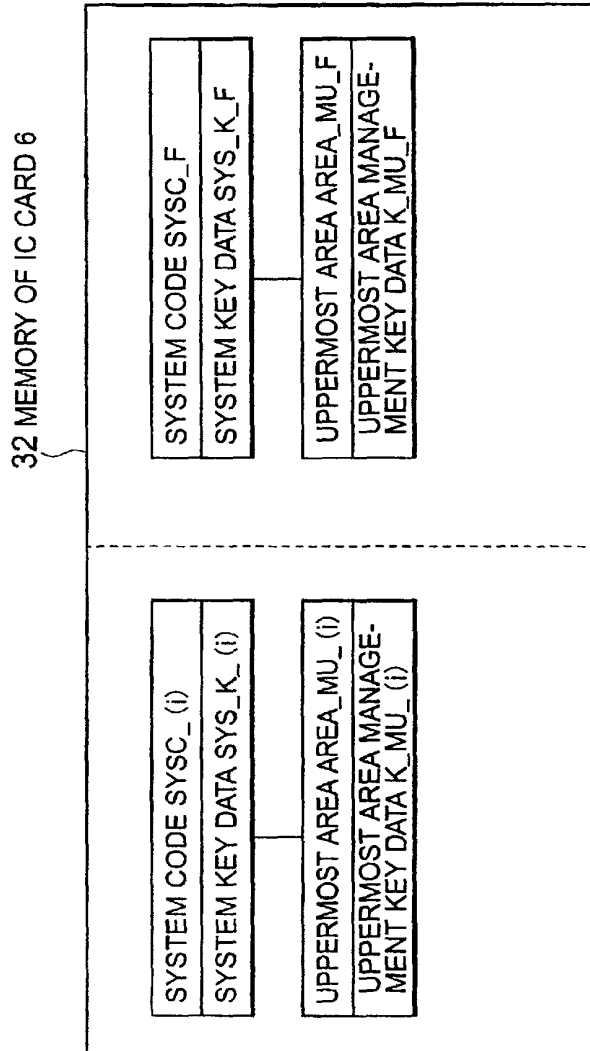


FIG. 23

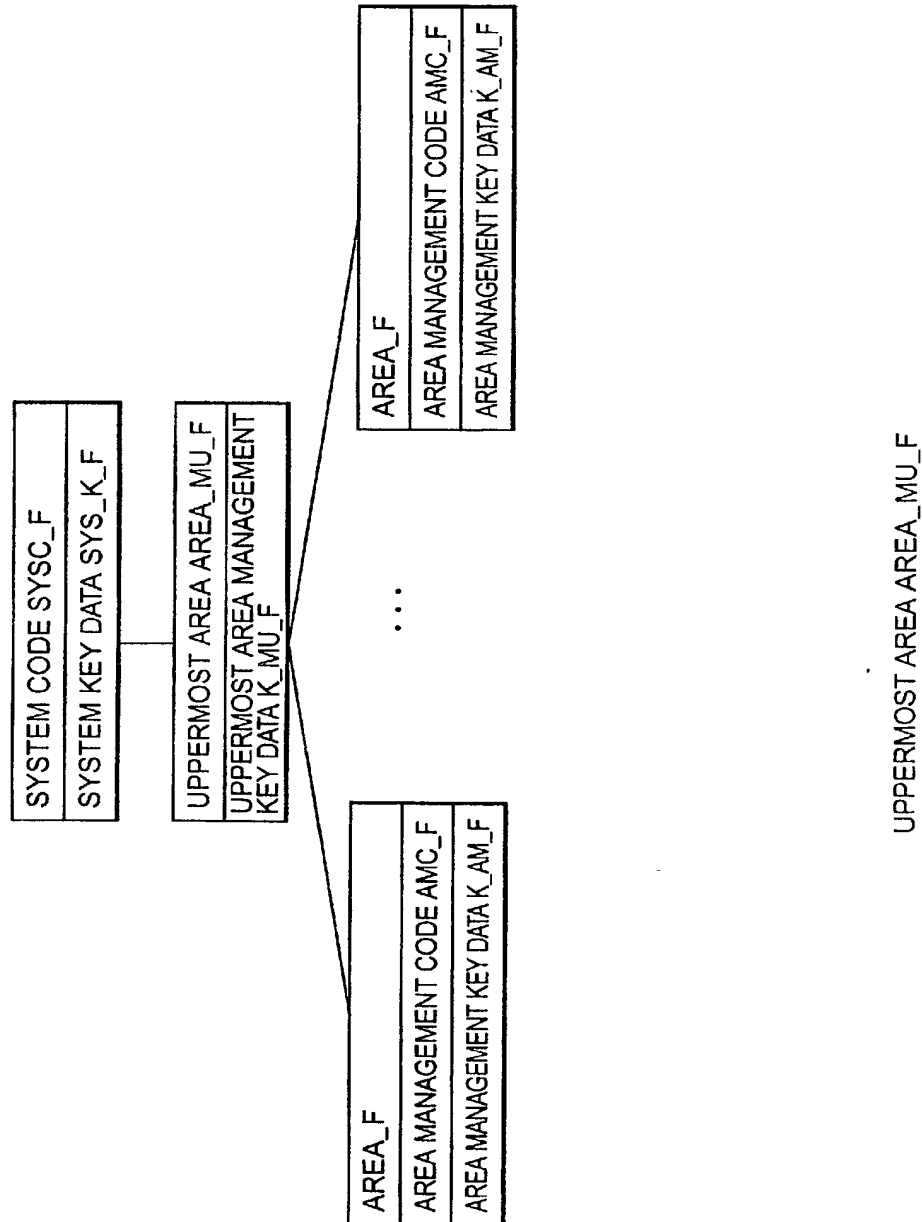


FIG. 24

OPERATION FILE REGIST-
RATION APPARATUS 15
(CARD MEMORY AREA
USER 21)

IC CARD 6

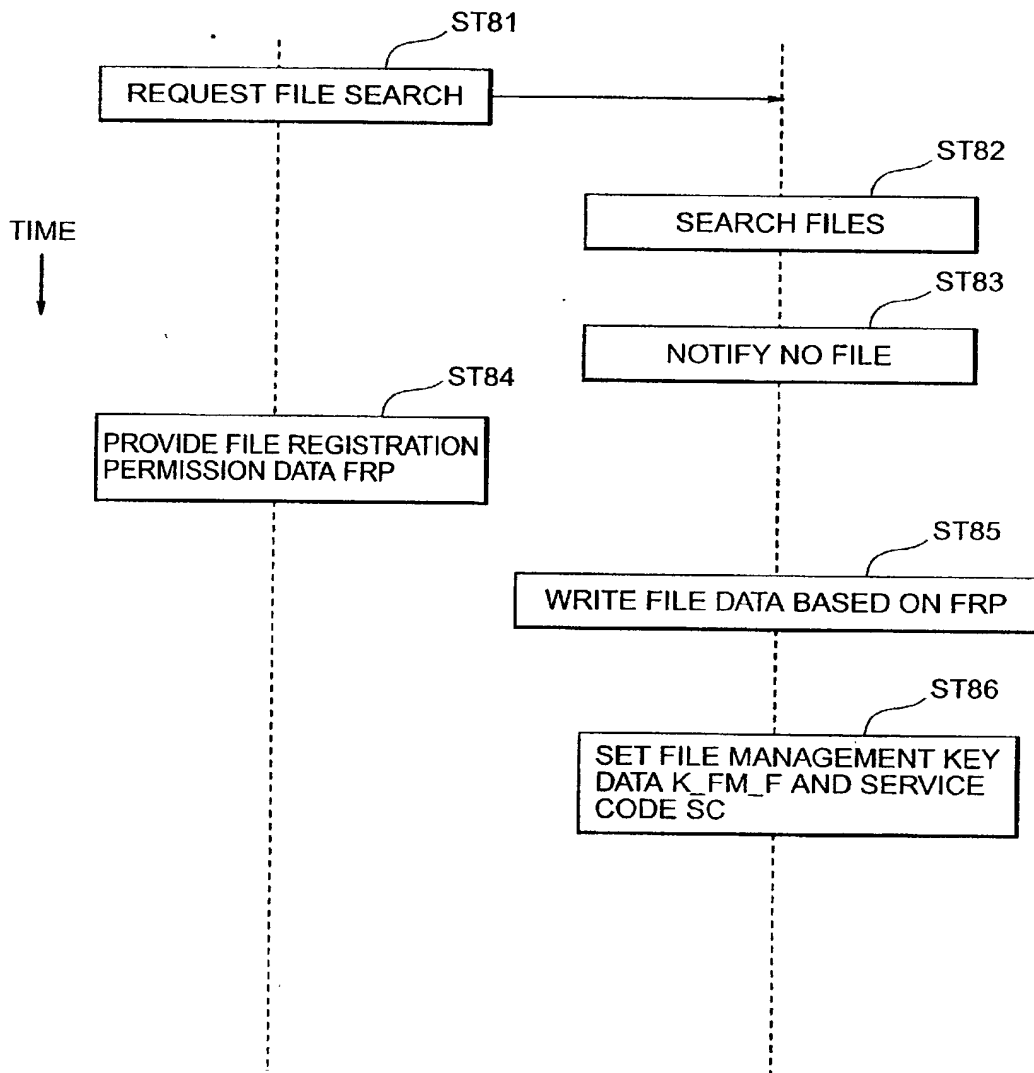


FIG. 25

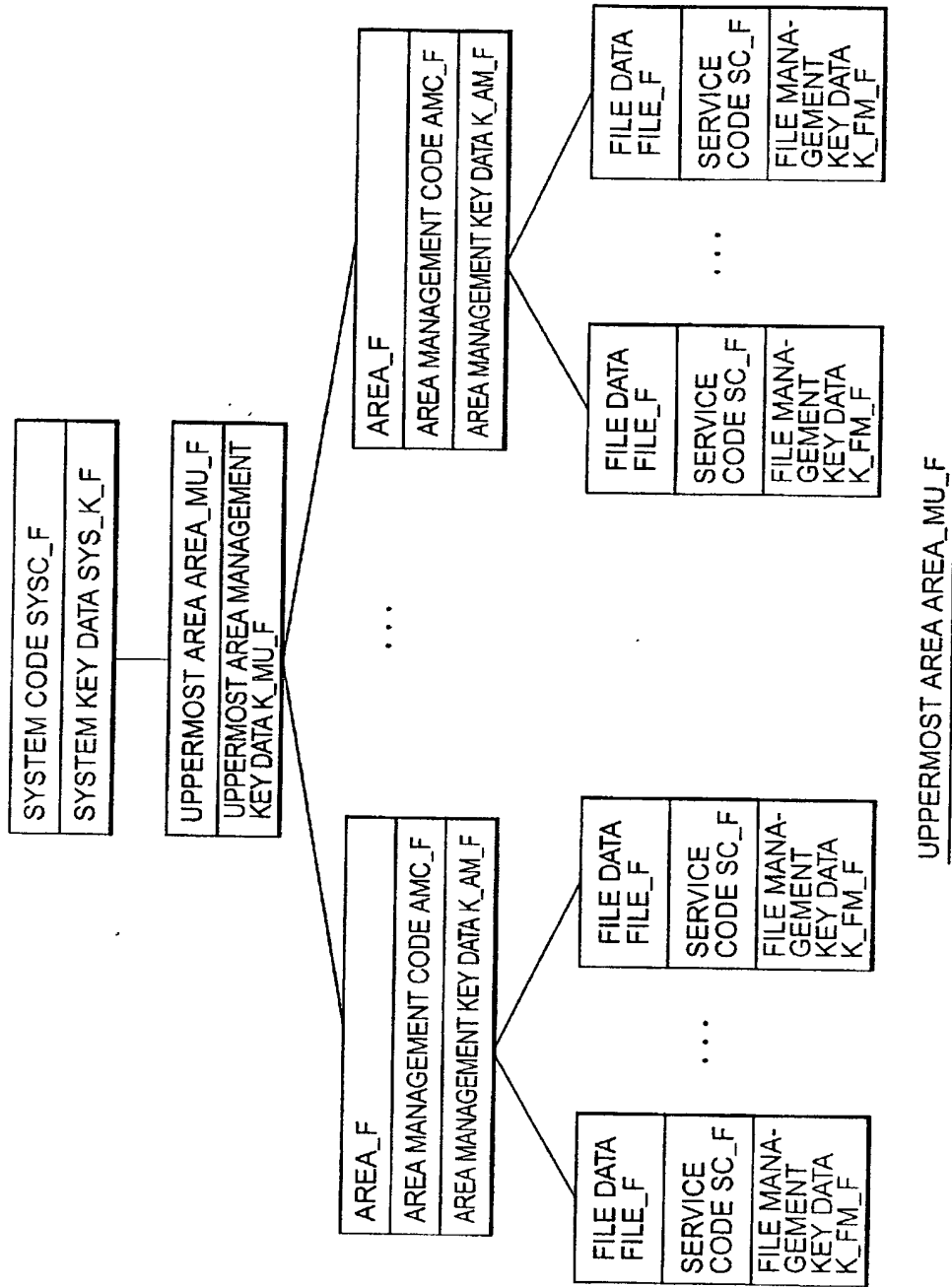


FIG. 26

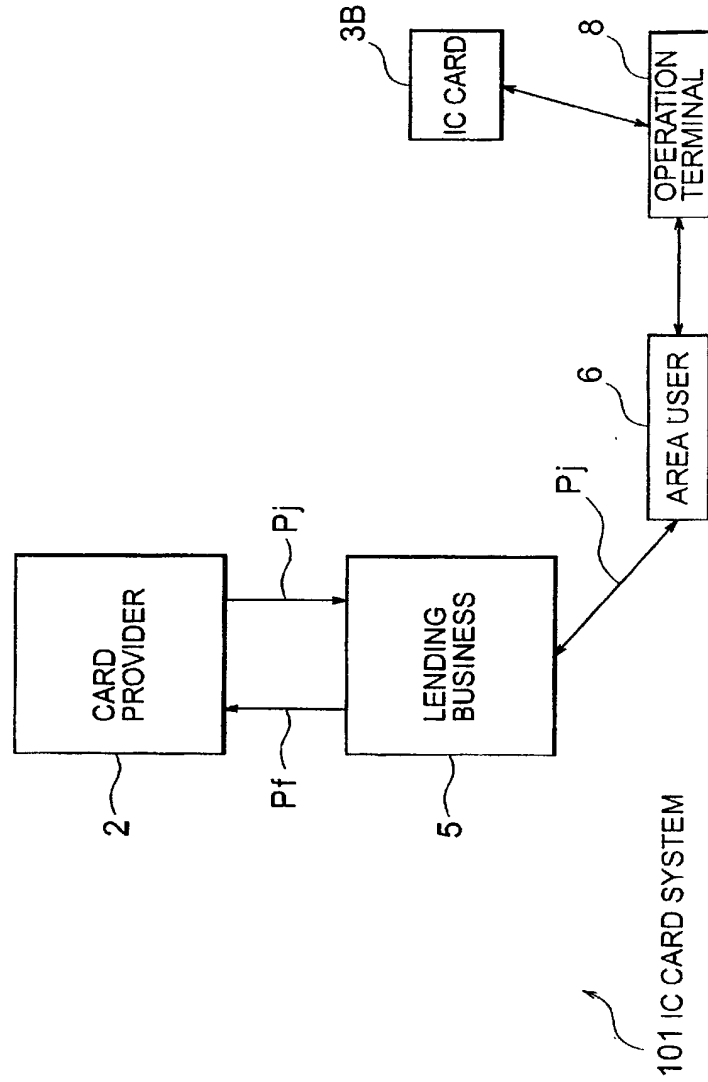


FIG. 27

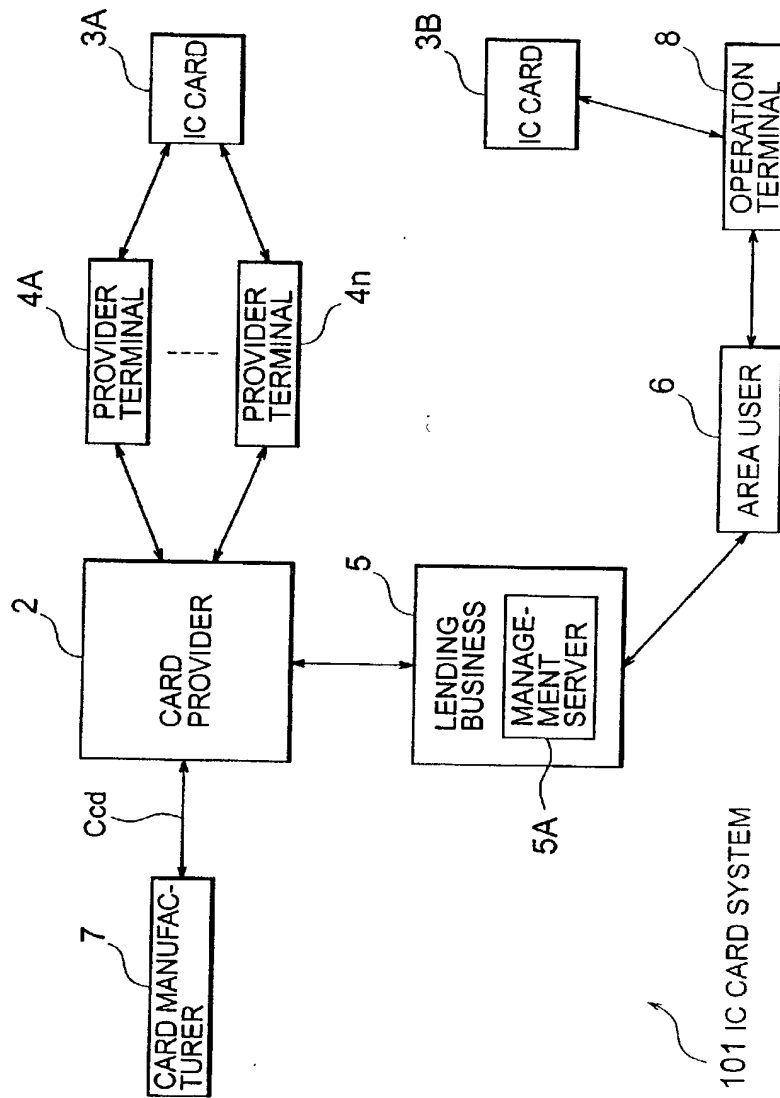


FIG. 28

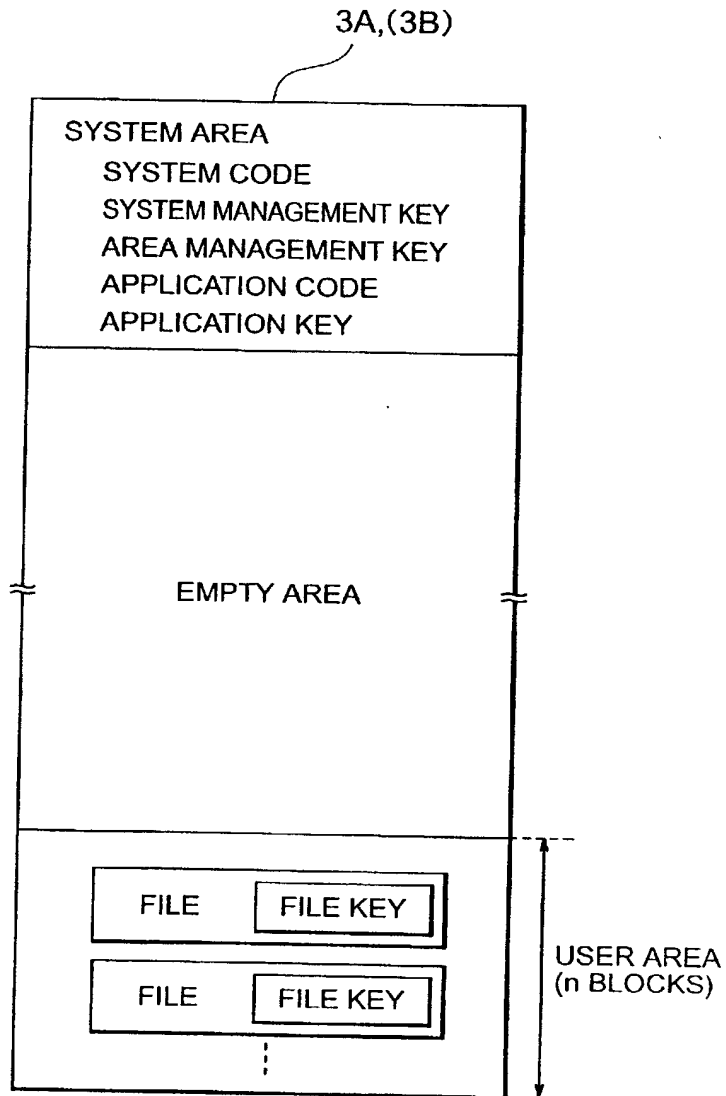
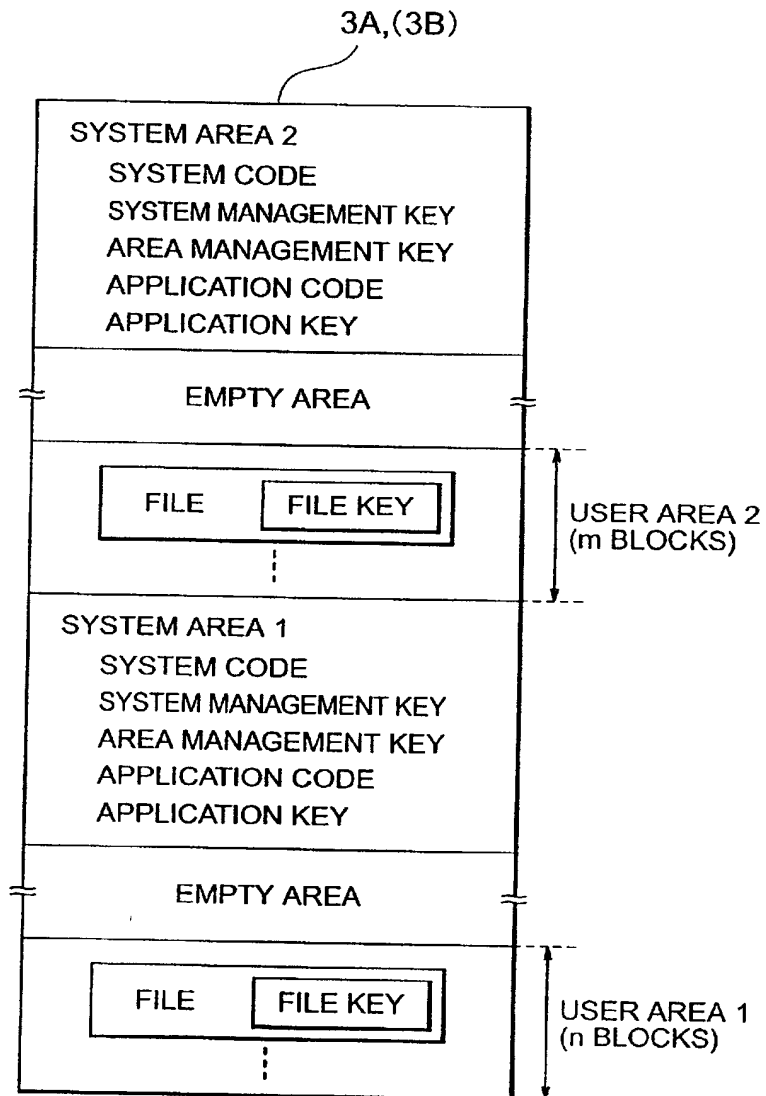


FIG. 29



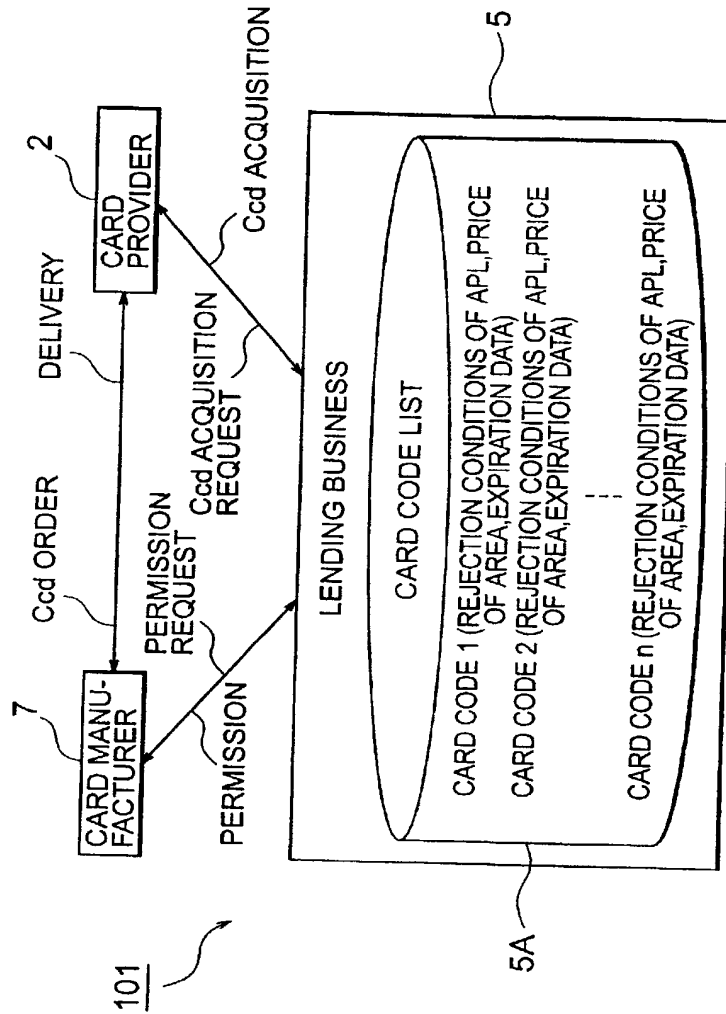


FIG. 31

101

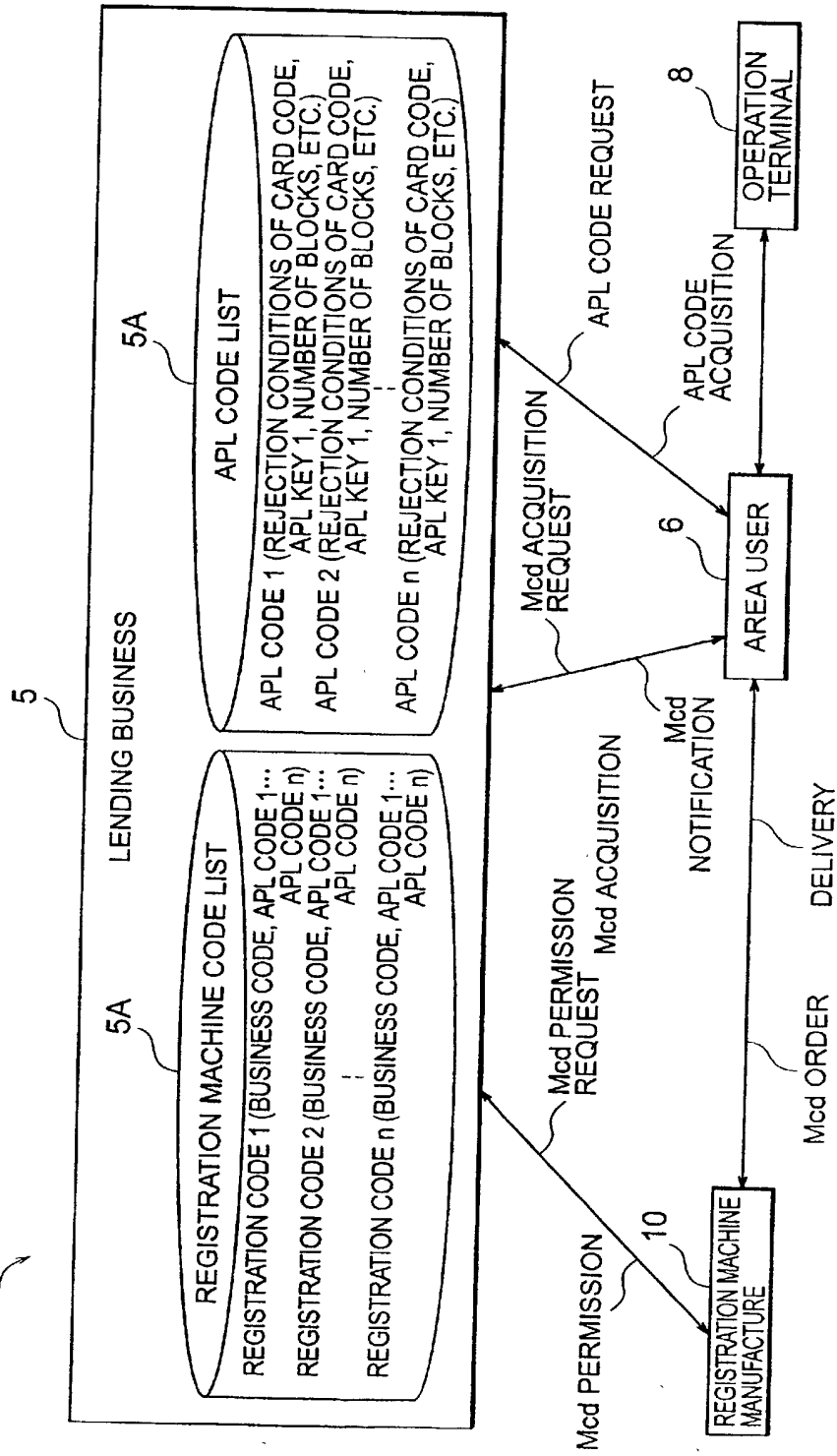
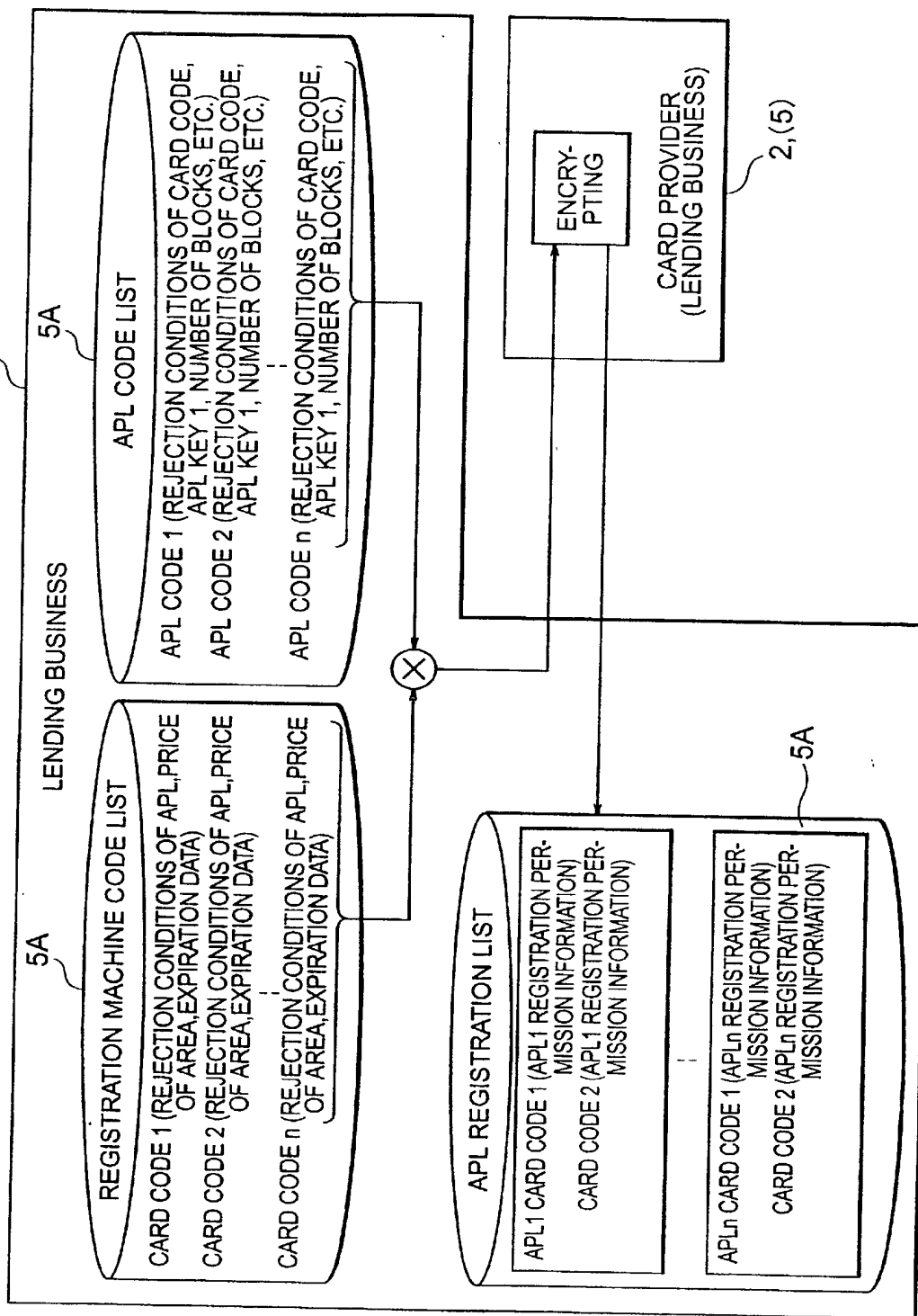


FIG. 32



REGISTRATION PERMISSION INFORMATION,
REGISTRATION KEY

FIG. 33

